



Citrix Workspace Environment Management SDK v4.7

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Citrix Workspace Environment Management SDK v4.7

May 25, 2023

Citrix Workspace Environment Management uses intelligent resource management and Profile Management technologies to deliver the best possible performance, desktop log on, and application response times for XenApp and XenDesktop deployments.

The following SDKs are provided to let you customize and manage various aspects of Workspace Environment Management:

Workspace Environment Management SDK PowerShell Modules

Citrix Workspace Environment Management provides various Microsoft Windows PowerShell versions 3.0. The cmdlets in these modules allow you to create and upgrade Workspace Environment Management databases, and perform tasks on the infrastructure service.

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Workspace Environment Management SDK PowerShell Modules

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Understanding the SDK

May 26, 2023

The Citrix Workspace Environment Management SDK allows you to perform various configuration operations.

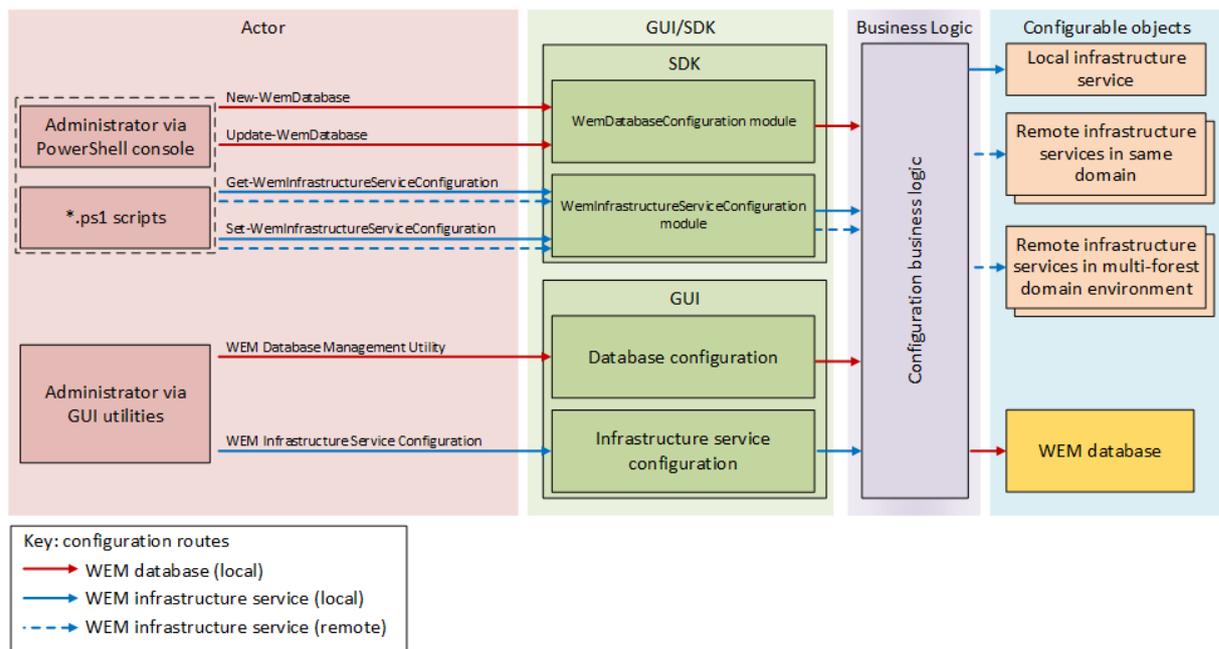
PowerShell modules

The Citrix Workspace Environment Management PowerShell modules allow you to:

- create and upgrade local and remote Workspace Environment Management databases
- perform administrative operations on local and remote infrastructure services, including those in multi-forest domains.

You can use run the provided cmdlets directly from the PowerShell console, or from PowerShell scripts.

The following illustration summarizes how configuring Workspace Environment Management using the PowerShell modules compares with using the standard GUIs.



Getting started with the SDK

May 24, 2023

Using the PowerShell modules

Installation

The PowerShell modules are installed automatically when you install the Workspace Environment Management infrastructure services.

Permissions

To use the PowerShell modules, in addition to the privileges required to use the local GUI utilities, you need the following:

- Microsoft Windows PowerShell version 3.0 or later installed on your machine
- Privileges to run PS scripts on the machine
- Access to the target machine
- Privileges for configuring registry, windows services, folders security properties and databases on the target machines. (When these machines are remote, you need these privileges on the remote machine.)

To access and run the cmdlets

Start a shell in PowerShell.

Using scripts

You can write your own scripts and include Workspace Environment Management PowerShell cmdlets.

To use PowerShell cmdlets within scripts, set the execution policy in PowerShell. For more information about PowerShell execution policy, see your Microsoft documentation.

Note:

Filepaths—If you use **New-WemDatabase**, ensure that the filepaths you specify for the `DataFilePath` and `LogFilePath` properties are valid and fully formed.

Citrix.WEM.SDK.Configuration.Database

May 23, 2023

Property Commandlets.BaseWemDatabaseCommand'1.SqlServerCredential PSCredential for connecting to the SQL instance for database creation. Leave empty to use Windows Authentication for current user.

Property Commandlets.BaseWemDatabaseCommand'1.WindowsAccount Windows account granted access to WEM database.

Property Commandlets.BaseWemDatabaseCommand'1.DatabaseServerInstance SQL Server on which the database will be hosted. (serveraddress,port\instancename).

Property Commandlets.BaseWemDatabaseCommand'1.DatabaseName Name of the WEM database to create.

Property Commandlets.BaseWemDatabaseCommand'1.PSDebugMode Debug mode displays extra exception information. Specify 'None' to leave the current value unchanged. This is equivalent to omitting this parameter.

Type Commandlets.NewWemDatabase

Creates a WEM database.

The New-WemDatabase cmdlet creates one Workspace Environment Management (WEM) database. The database is created on the SQL server.

Example: Create a database instance on the remote SQL DatabaseServerInstance (10.10.10.10). It uses SQL DatabaseServerInstance authentication for the initialization connection: code

```

1 $passwd = ConvertTo-SecureString "[Password]" -AsPlainText -Force
2 $sqlServerCred = New-Object System.Management.Automation.
   PSCredential("sa", $passwd);
3 $DBname = "WEM_DB";
4 $fileFolder = "C:\Program Files\Microsoft SQL
   DatabaseServerInstance\MSSQL11.MSSQLSERVER\MSSQL\DATA\";
5 New-WemDatabase -DatabaseServerInstance "10.10.10.10" -DatabaseName
   $DBname -DataFilePath($fileFolder+$DBname+"_Data.mdf") -
   LogFilePath($fileFolder+$DBname+"_Log.ldf") -
   DefaultAdministratorsGroup "[Domain]\[GroupName]" -
   SqlServerCredential $sqlServerCred

```

Example: Create a database instance on the remote SQL DatabaseServerInstance(10.10.10.10). It uses Windows authentication for the initialization connection: code

```

1 $DBname = "WEM_DB";
2 $fileFolder = "C:\Program Files\Microsoft SQL
   DatabaseServerInstance\MSSQL11.MSSQLSERVER\MSSQL\DATA\";
3 New-WemDatabase -DatabaseServerInstance "[Server\Instance]" -
   DatabaseName $DBname -DataFilePath($fileFolder+$DBname+"_Data.
   mdf") -LogFilePath($fileFolder+$DBname+"_Log.ldf") -
   DefaultAdministratorsGroup "[Domain]\[GroupName]"

```

Example: Create a database instance on the remote SQL DatabaseServerInstance(10.10.10.10). It uses Windows authentication for the initialization connection with adding extra database user via “WindowsAccount”attribute: code

```

1 $DBname = "WEM_DB";
2 $fileFolder = "C:\Program Files\Microsoft SQL
   DatabaseServerInstance\MSSQL11.MSSQLSERVER\MSSQL\DATA\";
3 New-WemDatabase -DatabaseServerInstance "[Server\Instance]" -
   DatabaseName $DBname -DataFilePath($fileFolder+$DBname+"_Data.
   mdf") -LogFilePath($fileFolder+$DBname+"_Log.ldf") -
   DefaultAdministratorsGroup "[Domain]\[GroupName]" -
   WindowsAccount "[Domain]\[UserName]"

```

Example: Creating new database instance on the remote SQL DatabaseServerInstance(10.10.10.10). It uses single configuration object for connecting to the server and configuring database: code

```

1 $fileFolder = "C:\Program Files\Microsoft SQL
   DatabaseServerInstance\MSSQL11.MSSQLSERVER\MSSQL\DATA\";
2 $DBname = "WEMDB_1_Obj";

```

```
3     $cfg = New-Object Citrix.WEM.SDK.Configuration.Database.  
        SDKNewDatabaseConfiguration;  
4     $cfg.DatabaseServerInstance = "[Server\Instance]";  
5     $cfg.DatabaseName = $DBname;  
6     $cfg.DataFilePath = ($fileFolder+$DBname+"_Data.mdf");  
7     $cfg.LogFilePath = ($fileFolder+$DBname+"_Log.ldf") ;  
8     $cfg.DefaultAdministratorsGroup = "[Domain]\[GroupName]";  
9     $cfg.WindowsAccount = "[Domain]\[UserName]";  
10    New-WemDatabase -Configuration $cfg;
```

Update-WemDatabase

Property Commandlets.NewWemDatabase.DataFilePath Path to the .mdf file location on the SQL Server. You must provide a valid filepath, otherwise the cmdlet will fail. No default value is assumed.

Property Commandlets.NewWemDatabase.LogFilePath Path to the .ldf file location on the SQL Server. You must provide a valid filepath, otherwise the cmdlet will fail. No default value is assumed.

Property Commandlets.NewWemDatabase.DefaultAdministratorsGroup Default group of WEM administrators with Full Access to the administration console.

Property Commandlets.NewWemDatabase.VuemUserSqlPassword Specific password for the WEM vuemUser SQL user account. Leave empty to create a default password.

Property Commandlets.NewWemDatabase.CommandTimeout Timeout period for connection attempts to the WEM database. After this time an error message is displayed. Leave empty to use default timeout of 300 seconds.

Property Commandlets.NewWemDatabase.Configuration Configuration set to save settings in.

Type Commandlets.UpdateWemDatabase

Updates an existing WEM database.

The Update-WemDatabase cmdlet updates an existing Workspace Environment Management (WEM) database instance on the SQL server.

Example: Update an existing database to the latest version. Uses Windows authentication for the initialization connection: code

```
1 Update-WemDatabase -DatabaseServerInstance "NK_SQL" -DatabaseName "
  WEM_DB"
```

Example: Update an existing database to the latest version. Uses SQL Server authentication for the initialization connection: code

```
1 $password = ConvertTo-SecureString "[Password]" -AsPlainText -Force
  ;
2 $sqlServerCred = New-Object System.Management.Automation.
  PSCredential("sa", $password);
3 Update-WemDatabase -DatabaseServerInstance "NK_SQL" -DatabaseName "
  WEM_DB" -SqlServerCredential $sqlServerCred;
```

Example: Update an existing database to the latest version. Uses SQL Server authentication for the initialization connection and adds extra database user via “WindowsAccount” attribute: code

```
1 $password = ConvertTo-SecureString "[Password]" -AsPlainText -Force
  ;
2 $sqlServerCred = New-Object System.Management.Automation.
  PSCredential("sa", $password);
3 Update-WemDatabase -DatabaseServerInstance "NK_SQL" -DatabaseName "
  WEM_DB" -SqlServerCredential $sqlServerCred -WindowsAccount "[
  Domain]\[UserName]";
```

Example: Update an existing database instance on the remote SQL Server (10.10.10.10). Uses a single configuration object for connecting to the server and for configuring the database: code

```
1 $cfg_obj = New-Object Citrix.WEM.SDK.Configuration.Database.  
   SDKDatabaseConfiguration  
2 $cfg_obj.DatabaseServerInstance = "10.10.10.10";  
3 $cfg_obj.DatabaseName = "WEM_DB";  
4 $cfg_obj.WindowsAccount = "[Domain]\[UserName]";  
5 Update-WemDatabase -Configuration $cfg_obj;
```

New-WemDatabase

Property Commandlets.UpdateWemDatabase.Configuration Configuration set.

Type SDKDatabaseConfiguration

SDK Database Configuration object.

Property SDKDatabaseConfiguration.SqlServerCredential PSCredential for connecting to the SQL instance for database creation. Leave empty to use Windows Authentication for current user.

Property SDKDatabaseConfiguration.WindowsAccount Windows account granted access to WEM database.

Property SDKDatabaseConfiguration.DatabaseServerInstance SQL Server on which the database will be hosted (serveraddress,port\instancename).

Property SDKDatabaseConfiguration.DatabaseName Name of the WEM database to create or update.

Type **SDKNewDatabaseConfiguration**

SDK new database Configuration object.

Property SDKNewDatabaseConfiguration.DataFilePath Path to the .mdf file location on the SQL Server. You must provide a valid filepath, otherwise the cmdlet will fail. No default value is assumed.

Property SDKNewDatabaseConfiguration.LogFilePath Path to the .ldf file location on the SQL Server. You must provide a valid filepath, otherwise the cmdlet will fail. No default value is assumed.

Property SDKNewDatabaseConfiguration.DefaultAdministratorsGroup Default group of WEM administrators with Full Access to the Administration Console.

Property SDKNewDatabaseConfiguration.VuemUserSqlPassword Specific password for the WEM vuemUser SQL user account. Leave empty to create a default password.

Property SDKNewDatabaseConfiguration.CommandTimeout Timeout period for connection attempts to the WEM database. After this time an error message is displayed. Leave empty to use default timeout of 300 seconds.

Citrix.WEM.SDK.Configuration.Database

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Property Commandlets.BaseWemDatabaseCommand'1.SqlServerCredential PSCredential for connecting to the SQL instance for database creation. Leave empty to use Windows Authentication for current user.

Property Commandlets.BaseWemDatabaseCommand'1.WindowsAccount Windows account granted access to WEM database.

Property Commandlets.BaseWemDatabaseCommand'1.DatabaseServerInstance SQL Server on which the database will be hosted. (serveraddress,port\instancename).

Property Commandlets.BaseWemDatabaseCommand'1.DatabaseName Name of the WEM database to create.

Property Commandlets.BaseWemDatabaseCommand'1.PSDebugMode Debug mode displays extra exception information. Specify 'None' to leave the current value unchanged. This is equivalent to omitting this parameter.

Type Commandlets.NewWemDatabase

Creates a WEM database.

The New-WemDatabase cmdlet creates one Workspace Environment Management (WEM) database. The database is created on the SQL server.

Example: Create a database instance on the remote SQL DatabaseServerInstance (10.10.10.10). It uses SQL DatabaseServerInstance authentication for the initialization connection: code

```

1 $passwd = ConvertTo-SecureString "[Password]" -AsPlainText -Force
2 $sqlServerCred = New-Object System.Management.Automation.
   PSCredential("sa", $passwd);
3 $DBname = "WEM_DB";
4 $fileFolder = "C:\Program Files\Microsoft SQL
   DatabaseServerInstance\MSSQL11.MSSQLSERVER\MSSQL\DATA\";
5 New-WemDatabase -DatabaseServerInstance "10.10.10.10" -DatabaseName
   $DBname -DataFilePath($fileFolder+$DBname+"_Data.mdf") -
   LogFilePath($fileFolder+$DBname+"_Log.ldf") -
   DefaultAdministratorsGroup "[Domain]\[GroupName]" -
   SqlServerCredential $sqlServerCred

```

Example: Create a database instance on the remote SQL DatabaseServerInstance(10.10.10.10). It uses Windows authentication for the initialization connection: code

```

1 $DBname = "WEM_DB";
2 $fileFolder = "C:\Program Files\Microsoft SQL
   DatabaseServerInstance\MSSQL11.MSSQLSERVER\MSSQL\DATA\";
3 New-WemDatabase -DatabaseServerInstance "[Server\Instance]" -
   DatabaseName $DBname -DataFilePath($fileFolder+$DBname+"_Data.
   mdf") -LogFilePath($fileFolder+$DBname+"_Log.ldf") -
   DefaultAdministratorsGroup "[Domain]\[GroupName]"

```

Example: Create a database instance on the remote SQL DatabaseServerInstance(10.10.10.10). It uses Windows authentication for the initialization connection with adding extra database user via “WindowsAccount”attribute: code

```

1 $DBname = "WEM_DB";
2 $fileFolder = "C:\Program Files\Microsoft SQL
   DatabaseServerInstance\MSSQL11.MSSQLSERVER\MSSQL\DATA\";
3 New-WemDatabase -DatabaseServerInstance "[Server\Instance]" -
   DatabaseName $DBname -DataFilePath($fileFolder+$DBname+"_Data.
   mdf") -LogFilePath($fileFolder+$DBname+"_Log.ldf") -
   DefaultAdministratorsGroup "[Domain]\[GroupName]" -
   WindowsAccount "[Domain]\[UserName]"

```

Example: Creating new database instance on the remote SQL DatabaseServerInstance(10.10.10.10). It uses single configuration object for connecting to the server and configuring database: code

```

1 $fileFolder = "C:\Program Files\Microsoft SQL
   DatabaseServerInstance\MSSQL11.MSSQLSERVER\MSSQL\DATA\";
2 $DBname = "WEMDB_1_Obj";

```

```
3     $cfg = New-Object Citrix.WEM.SDK.Configuration.Database.  
        SDKNewDatabaseConfiguration;  
4     $cfg.DatabaseServerInstance = "[Server\Instance]";  
5     $cfg.DatabaseName = $DBname;  
6     $cfg.DataFilePath = ($fileFolder+$DBname+"_Data.mdf");  
7     $cfg.LogFilePath = ($fileFolder+$DBname+"_Log.ldf") ;  
8     $cfg.DefaultAdministratorsGroup = "[Domain]\[GroupName]";  
9     $cfg.WindowsAccount = "[Domain]\[UserName]";  
10    New-WemDatabase -Configuration $cfg;
```

Update-WemDatabase

Property Commandlets.NewWemDatabase.DataFilePath Path to the .mdf file location on the SQL Server. You must provide a valid filepath, otherwise the cmdlet will fail. No default value is assumed.

Property Commandlets.NewWemDatabase.LogFilePath Path to the .ldf file location on the SQL Server. You must provide a valid filepath, otherwise the cmdlet will fail. No default value is assumed.

Property Commandlets.NewWemDatabase.DefaultAdministratorsGroup Default group of WEM administrators with Full Access to the administration console.

Property Commandlets.NewWemDatabase.VuemUserSqlPassword Specific password for the WEM vuemUser SQL user account. Leave empty to create a default password.

Property Commandlets.NewWemDatabase.CommandTimeout Timeout period for connection attempts to the WEM database. After this time an error message is displayed. Leave empty to use default timeout of 300 seconds.

Property Commandlets.NewWemDatabase.Configuration Configuration set to save settings in.

Type Commandlets.UpdateWemDatabase

Updates an existing WEM database.

The Update-WemDatabase cmdlet updates an existing Workspace Environment Management (WEM) database instance on the SQL server.

Example: Update an existing database to the latest version. Uses Windows authentication for the initialization connection: code

```
1 Update-WemDatabase -DatabaseServerInstance "NK_SQL" -DatabaseName "WEM_DB"
```

Example: Update an existing database to the latest version. Uses SQL Server authentication for the initialization connection: code

```
1 $password = ConvertTo-SecureString "[Password]" -AsPlainText -Force
2 ;
3 $sqlServerCred = New-Object System.Management.Automation.PSCredential("sa", $password);
4 Update-WemDatabase -DatabaseServerInstance "NK_SQL" -DatabaseName "WEM_DB" -SqlServerCredential $sqlServerCred;
```

Example: Update an existing database to the latest version. Uses SQL Server authentication for the initialization connection and adds extra database user via “WindowsAccount” attribute: code

```
1 $password = ConvertTo-SecureString "[Password]" -AsPlainText -Force
2 ;
3 $sqlServerCred = New-Object System.Management.Automation.PSCredential("sa", $password);
4 Update-WemDatabase -DatabaseServerInstance "NK_SQL" -DatabaseName "WEM_DB" -SqlServerCredential $sqlServerCred -WindowsAccount "[Domain]\[UserName]";
```

Example: Update an existing database instance on the remote SQL Server (10.10.10.10). Uses a single configuration object for connecting to the server and for configuring the database: code

```
1 $cfg_obj = New-Object Citrix.WEM.SDK.Configuration.Database.  
   SDKDatabaseConfiguration  
2 $cfg_obj.DatabaseServerInstance = "10.10.10.10";  
3 $cfg_obj.DatabaseName = "WEM_DB";  
4 $cfg_obj.WindowsAccount = "[Domain]\[UserName]";  
5 Update-WemDatabase -Configuration $cfg_obj;
```

New-WemDatabase

Property Commandlets.UpdateWemDatabase.Configuration Configuration set.

Type SDKDatabaseConfiguration

SDK Database Configuration object.

Property SDKDatabaseConfiguration.SqlServerCredential PSCredential for connecting to the SQL instance for database creation. Leave empty to use Windows Authentication for current user.

Property SDKDatabaseConfiguration.WindowsAccount Windows account granted access to WEM database.

Property SDKDatabaseConfiguration.DatabaseServerInstance SQL Server on which the database will be hosted (serveraddress,port\instancename).

Property SDKDatabaseConfiguration.DatabaseName Name of the WEM database to create or update.

Type **SDKNewDatabaseConfiguration**

SDK new database Configuration object.

Property SDKNewDatabaseConfiguration.DataFilePath Path to the .mdf file location on the SQL Server. You must provide a valid filepath, otherwise the cmdlet will fail. No default value is assumed.

Property SDKNewDatabaseConfiguration.LogFilePath Path to the .ldf file location on the SQL Server. You must provide a valid filepath, otherwise the cmdlet will fail. No default value is assumed.

Property SDKNewDatabaseConfiguration.DefaultAdministratorsGroup Default group of WEM administrators with Full Access to the Administration Console.

Property SDKNewDatabaseConfiguration.VuemUserSqlPassword Specific password for the WEM vuemUser SQL user account. Leave empty to create a default password.

Property SDKNewDatabaseConfiguration.CommandTimeout Timeout period for connection attempts to the WEM database. After this time an error message is displayed. Leave empty to use default timeout of 300 seconds.

Citrix.WEM.SDK.Configuration.InfrastructureService

May 23, 2023

Property Commandlets.BaseInfrastructureServiceConfigurationCommand.InfrastructureServer

Remote infrastructure service machine name or IP address.

Property Commandlets.BaseInfrastructureServiceConfigurationCommand.InfrastructureServerCredential

PSCredential that will be used on the remote machine for getting data.

Property Commandlets.BaseInfrastructureServiceConfigurationCommand.PSDebugMode

Enable verbose logging of the infrastructure service. Specify 'None' to leave the current value unchanged. This is equivalent to omitting this parameter.

Type Commandlets.GetWemInfrastructureServiceConfiguration

Gets the current infrastructure service configuration.

The Get-WemInfrastructureServiceConfiguration cmdlet gets the current infrastructure service configuration from the local or remote infrastructure server machine. Remote machines can be either in the same domain, or can be in a multi-forest domain environment.

–To return the current configuration on the local infrastructure server, run the cmdlet without the InfrastructureServer parameter and without the InfrastructureServerCredential parameter. All the following parameter values are applied.

–To return the current configuration from a remote server in the same domain, you must specify the InfrastructureServer parameter.

–To return the current configuration from a remote server in a multi forest Active Directory environment, you must specify the InfrastructureServer parameter (to identify the target machine) and the InfrastructureServerCredential parameter(to provide access credentials).

Example: Get the current configuration of the infrastructure service from the local machine:

code

```
1 Get-WemInfrastructureServiceConfiguration
```

Example: Get the current configuration of the Infrastructure service from the remote machine in the same domain by using Windows authentication: code

```
1 Get-WemInfrastructureServiceConfiguration -InfrastructureServer "[Server]"
```

Example: Get the current configuration of the infrastructure service from a remote machine in a multi-forest trusted environment. For authentication, this cmdlet uses the PSCredential type object: code

```
1 $passwd = ConvertTo-SecureString "[Password]" -AsPlainText -Force;  
2 $cred = New-Object System.Management.Automation.PSCredential ("[Domain\UserName]", $passwd)  
3 Get-WemInfrastructureServiceConfiguration -InfrastructureServer "[Server]" -InfrastructureServiceAccountCredentials $cred
```

Set-WemInfrastructureServiceConfiguration

Type Commandlets.SetWemInfrastructureServiceConfiguration

Sets the infrastructure service configuration on a local or remote infrastructure server machine.

The Set-WemInfrastructureServiceConfiguration cmdlet sets the infrastructure service configuration on a local or remote infrastructure server machine. Remote machines can be either in the same domain, or can be in a multi-forest domain environment. You can set the full configuration, or a subset of it.

–To return the current configuration on the local infrastructure server, run the cmdlet without the InfrastructureServer parameter and without the InfrastructureServerCredential parameter. All the following parameter values are applied.

–To set the current configuration to a remote server in the same domain, you must specify the InfrastructureServer parameter.

–To set the current configuration to a remote server in a multi forest Active Directory environment, you must specify the InfrastructureServer parameter (to identify the target machine) and the InfrastructureServerCredential parameter(to provide access credentials).

Example: Set one single configuration option (DatabaseName) on the local machine: code

```
1 Set-WemInfrastructureServiceConfiguration -DatabaseName "WEM_DB";
```

Example: Set multiple configuration options (DatabaseName, MonitoringPort and EnableDebug) on the local machine: code

```
1 $Enable = [Norskale.Utilities.Common.SwitchState]::Enable;
2 Set-WemInfrastructureServiceConfiguration -DatabaseName "WEM_DB" -
   MonitoringPort 8084 -DebugMode $Enable;
```

Example: Set multiple configuration options (DatabaseName, MonitoringPort and EnableDebug) on the remote machine in the same domain (Windows authentication): code

```
1 $Enable = [Norskale.Utilities.Common.SwitchState]::Enable;
2 Set-WemInfrastructureServiceConfiguration -InfrastructureServer "[
   Server]" -DatabaseName "WEM_DB" -MonitoringPort 8084 -DebugMode
   $Enable;
```

Example: Set multiple configuration options (DatabaseName, MonitoringPort) on the remote machine (in multi-forest trust domain environments): code

```
1 $passwd = ConvertTo-SecureString "[Password]" -AsPlainText -Force;
2 $cred = New-Object System.Management.Automation.PSCredential("[
   Domain]\[UserName]", $passwd);
3 Set-WemInfrastructureServiceConfiguration -InfrastructureServer "[
   Server]" -InfrastructureServiceAccountCredential $cred -
   DatabaseName "WEM_DB" -MonitoringPort 8084;
```

Example: Configure the infrastructure service via one configuration object. This approach also can be provided for configuring local and remote machine (in the same domain or in multi-forest trust domain environments): code

```
1 $Enable = [Norskale.Utilities.Common.SwitchState]::Enable;
2 $Disable = [Norskale.Utilities.Common.SwitchState]::Disable;
3 $config = New-Object Citrix.WEM.SDK.Configuration.
   InfrastructureService.SDKInfrastructureServiceConfiguration
4 $config.DatabaseServerInstance = "SQLServer_machine";
5 $config.DatabaseName = "WEM_DB";
6 $config.AdminServicePort = 8284;
7 $config.DebugMode = $Disable;
8 $config.SendGoogleAnalytics = $Enable
9 ...
10 Set-WemInfrastructureServiceConfiguration -Configuration $config
```

Warning! If you use single configuration object you have to keep in mind that you must configure all required properties in the configuration object. Other ways infrastructure service will be configured by default empty values.

Get-WemInfrastructureServiceConfiguration

Property Commandlets.SetWemInfrastructureServiceConfiguration.DebugMode Enable WEM debug mode. Specify 'None' to leave the current value unchanged. This is equivalent to omitting this parameter.

Property Commandlets.SetWemInfrastructureServiceConfiguration.SendGoogleAnalytics Enable collection of statistics. Specify 'None' to leave the current value unchanged. This is equivalent to omitting this parameter.

Property Commandlets.SetWemInfrastructureServiceConfiguration.UseCacheEvenIfOnline Enable infrastructure service to always reading site settings from its cache. Specify 'None' to leave the current value unchanged. This is equivalent to omitting this parameter.

Property Commandlets.SetWemInfrastructureServiceConfiguration.DatabaseServerInstance SQL Server instance on which the WEM database is hosted. (serveraddress,port\instancename).

Property Commandlets.SetWemInfrastructureServiceConfiguration.DatabaseName WEM database name.

Property Commandlets.SetWemInfrastructureServiceConfiguration.DatabaseFailoverServerInstance Database failover server instance.

Property Commandlets.SetWemInfrastructureServiceConfiguration.SetSqlUserSpecificPassword

Allow vuemUser SQL user account password to be set. Specify 'None' to leave the current value unchanged. This is equivalent to omitting this parameter.

Property Commandlets.SetWemInfrastructureServiceConfiguration.SqlUserSpecificPassword

vuemUser SQL user account password.

Property Commandlets.SetWemInfrastructureServiceConfiguration.AdminServicePort Administration port for administration console to connect to the infrastructure service.

Property Commandlets.SetWemInfrastructureServiceConfiguration.AgentServicePort Agent service port for agent to connect to the infrastructure server.

Property Commandlets.SetWemInfrastructureServiceConfiguration.AgentSyncPort Cache synchronization port for agent cache synchronization process to connect to the infrastructure service.

Property Commandlets.SetWemInfrastructureServiceConfiguration.MonitoringPort WEM monitoring port.

Property Commandlets.SetWemInfrastructureServiceConfiguration.InfrastructureServiceAccountCredential PSCredential for running the infrastructure service.

Property Commandlets.SetWemInfrastructureServiceConfiguration.EnableInfrastructureServiceAccountC

Use Windows authentication for infrastructure service database connection. Specify 'None' to leave the current value unchanged. This is equivalent to omitting this parameter.

Property Commandlets.SetWemInfrastructureServiceConfiguration.CacheRefreshDelay

Time (in minutes) before the infrastructure service refreshes its cache.

Property Commandlets.SetWemInfrastructureServiceConfiguration.SQLCheckDelay Time (in

seconds) between each infrastructure service attempt to poll the SQL server.

Property Commandlets.SetWemInfrastructureServiceConfiguration.InfrastructureServiceSQLConnectionT

Time (in seconds) which the infrastructure service waits when trying to establish a connection with the SQL server.

Property Commandlets.SetWemInfrastructureServiceConfiguration.EnableScheduledMaintenance

Enable deletion of old statistics records from the database at periodic intervals. Specify 'None' to leave the current value unchanged. This is equivalent to omitting this parameter.

Property Commandlets.SetWemInfrastructureServiceConfiguration.StatisticsRetentionPeriod

Retention period for user and agent statistics (in days).

Property Commandlets.SetWemInfrastructureServiceConfiguration.SystemMonitoringRetentionPeriod

Retention period for system optimization statistics (in days).

Property Commandlets.SetWemInfrastructureServiceConfiguration.AgentRegistrationsRetentionPeriod

Retention period for agent registration logs (in days).

Property Commandlets.SetWemInfrastructureServiceConfiguration.DatabaseMaintenanceExecutionTime

The time at which the database maintenance action is performed (HH:MM).

Property Commandlets.SetWemInfrastructureServiceConfiguration.GlobalLicenseServerOverride

Override any Citrix License Server information already in the WEM database. Specify 'None' to leave the current value unchanged. This is equivalent to omitting this parameter.

Property Commandlets.SetWemInfrastructureServiceConfiguration.LicenseServerName

Citrix License Server name.

Property Commandlets.SetWemInfrastructureServiceConfiguration.LicenseServerPort Citrix

License Server port.

Property Commandlets.SetWemInfrastructureServiceConfiguration.Configuration Configura-

tion set to save the settings in.

Type SDKInfrastructureServiceConfiguration

SDK Infrastructure service Configuration object.

Property `SDKInfrastructureServiceConfiguration.DebugMode` Enable WEM debug mode. Specify 'None' to leave the current value unchanged. This is equivalent to omitting this parameter.

Property `SDKInfrastructureServiceConfiguration.SendGoogleAnalytics` Enable collection of statistics. Specify 'None' to leave the current value unchanged. This is equivalent to omitting this parameter.

Property `SDKInfrastructureServiceConfiguration.UseCacheEvenIfOnline` Enable infrastructure service to always reading site settings from its cache. Specify 'None' to leave the current value unchanged. This is equivalent to omitting this parameter.

Property `SDKInfrastructureServiceConfiguration.DatabaseServerInstance` SQL Server instance on which the WEM database is hosted. (serveraddress,port\instancename).

Property `SDKInfrastructureServiceConfiguration.DatabaseName` WEM database name.

Property `SDKInfrastructureServiceConfiguration.DatabaseFailoverServerInstance` Database failover server instance.

Property `SDKInfrastructureServiceConfiguration.SetSqlUserSpecificPassword` Allow vue-mUser SQL user account password to be set. Specify 'None' to leave the current value unchanged. This is equivalent to omitting this parameter.

Property SDKInfrastructureServiceConfiguration.SqlUserSpecificPassword vuemUser SQL user account password.

Property SDKInfrastructureServiceConfiguration.AdminServicePort Administration port for administration console to connect to the infrastructure service.

Property SDKInfrastructureServiceConfiguration.AgentServicePort Agent service port for agent to connect to the infrastructure server.

Property SDKInfrastructureServiceConfiguration.AgentSyncPort Cache synchronization port for agent cache synchronization process to connect to the infrastructure service.

Property SDKInfrastructureServiceConfiguration.MonitoringPort WEM monitoring port.

Property SDKInfrastructureServiceConfiguration.InfrastructureServiceAccountCredentialLogin Login for running the infrastructure service.

Property SDKInfrastructureServiceConfiguration.InfrastructureServiceAccountCredentialPassword Password for running the infrastructure service.

Property SDKInfrastructureServiceConfiguration.EnableInfrastructureServiceAccountCredential Use Windows authentication for infrastructure service database connection. Specify 'None' to leave the current value unchanged. This is equivalent to omitting this parameter.

Property `SDKInfrastructureServiceConfiguration.CacheRefreshDelay` Time (in minutes) before the infrastructure service refreshes its cache.

Property `SDKInfrastructureServiceConfiguration.SqlCheckDelay` Time (in seconds) between each infrastructure service attempt to poll the SQL server.

Property `SDKInfrastructureServiceConfiguration.InfrastructureServiceSQLConnectionTimeout` Time (in seconds) which the infrastructure service waits when trying to establish a connection with the SQL server.

Property `SDKInfrastructureServiceConfiguration.EnableScheduledMaintenance` Enable deletion of old statistics records from the database at periodic intervals. Specify 'None' to leave the current value unchanged. This is equivalent to omitting this parameter.

Property `SDKInfrastructureServiceConfiguration.StatisticsRetentionPeriod` Retention period for user and agent statistics (in days).

Property `SDKInfrastructureServiceConfiguration.SystemMonitoringRetentionPeriod` Retention period for system optimization statistics (in days).

Property `SDKInfrastructureServiceConfiguration.AgentRegistrationsRetentionPeriod` Retention period for agent registration logs (in days).

Property SDKInfrastructureServiceConfiguration.DatabaseMaintenanceExecutionTime The time at which the database maintenance action is performed (HH:MM).

Property SDKInfrastructureServiceConfiguration.GlobalLicenseServerOverride Override any Citrix License Server information already in the WEM database. Specify 'None' to leave the current value unchanged. This is equivalent to omitting this parameter.

Property SDKInfrastructureServiceConfiguration.LicenseServerName Citrix License Server name.

Property SDKInfrastructureServiceConfiguration.LicenseServerPort Citrix License Server port.



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